



VOICE

News for the Campus Community — September 2005



1955 Alumni Honored PAGE 2

In This Issue ...

President's Message	2
High School Researchers	2
Informatics Conference	3
International Services Office	3
Specialty Drugs Study	6
Campus Briefs	9
Reducing Medical Errors	10

Center for Vascular and Inflammatory Diseases Established at BioPark



Soe Mon, research technologist, works in the Fly Lab.

LINDA CASSARD AND RONALD HUBE

The School of Medicine's new Center for Vascular and Inflammatory Diseases, the first such center in the Baltimore-Washington area, is also the first bioscience tenant to move into

the UMB BioPark, a privately developed, \$400 million biomedical research and development complex under construction on the west side of campus.

Occupying two of the six floors in the BioPark's first building (10 buildings are planned in all) and

employing nearly 100 researchers and staff—many of whom were recruited last year from the American Red Cross' Jerome H. Holland Laboratory for the Biomedical Sciences in Rockville, Md.—the center conducts research on conditions such as heart disease, rheumatoid arthritis, and autoimmune diseases. Advanced clinical services for patients and an education program for medical students, graduate students, and postdoctoral fellows are also offered at the center, which was established in the summer.

"The Center for Vascular and Inflammatory Diseases will act as a catalyst for enhanced interaction among basic researchers and physician scientists on our campus who are involved in fields related to cardiovascular biology," says Donald E. Wilson, MD, MACP, vice president for medical affairs for the University and dean of the School of Medicine. "The center

Continued on page 4

UMB Fundraising Surpasses Goals for Fiscal Year 2005

The University of Maryland, Baltimore, has completed its most successful fundraising year ever, with contributions totaling nearly \$53 million during Fiscal Year 2005.

The dental, law, medical, nursing, pharmacy, and social work schools received donations for programs from more than 13,000 people, including alumni and community members. In many instances, schools surpassed their fundraising goals.

"Money raised this year is a reflection of the hard work of the boards, deans, development officers, and staff in reaching out to generous constituents," says University President David J. Ramsay, DM, DPhil. "We are

fortunate to have top-notch people affiliated with our campus, helping to raise awareness of the research and service our schools conduct and the quality of the professionals we graduate."

Since arriving at the University in 1995, Ramsay has overseen a dramatic increase in fundraising—this year the University has more than doubled what it raised a decade ago. During Ramsay's 10-year tenure, fundraising has increased by 250 percent. The FY2005 total is a \$6 million increase over last year's total.

With the rising costs of higher education and declining state funds, the University relies heavily on support from private donors,

corporations, and foundations.

"We recognize that it is private support that helps us fund scholarships and recruit the brightest faculty and best students," Ramsay says.

"One of the most important elements of our success is that we're educating people about what we're doing," says T. Sue Gladhill, MSW, vice president for external affairs for the University and president and chief executive officer of the University of Maryland Baltimore Foundation, Inc.

Most of the money raised will fund sponsored research projects, student scholarships and awards, and academic programs.

Maryland Charity Campaign Begins Next Month



Contributions to the Maryland Charity Campaign support organizations such as the Ronald McDonald House on the University campus, which provides housing for ill children and their families while obtaining treatment away from home.

UMB, Last Year's Top Contributor in the State, Hopes to Lead Again

JOANN FAGAN

"Just One Dollar More" is the University's theme for this year's Maryland Charity Campaign (MCC), an eight-week charity drive for state employees and retirees. The program, in its 18th year, will kick off at the University the week of Oct. 3 and run through November. A thank-you breakfast for UMB participants will be held at Westminster Hall on Dec. 2.

UMB's 2004 effort exceeded its \$350,000 target by 17 percent, raising \$410,000 and making the University the largest contributor of all state agencies. The University has raised \$1.7 million for MCC during the past five years.

"Everyone should have a chance at life, don't you think?" says Dave DeLooze, assistant director of operations and maintenance, and chair of the UMB campaign. "Maryland Charity is about saving lives, giving dignity to people, supporting medical research, and keeping latchkey

kids off the street by giving them a safe place to go after school. The benefits are far-reaching, and have a ripple effect in our community.

"If everyone would give just one dollar more than they gave last year, then we would exceed our goal by thousands of dollars."

Typically, donors to MCC choose to make contributions by payroll deductions. One-time gifts can also be made.

A dollar per workday for one year provides, for example, two nights of safe shelter for a battered woman and her child, two weeks of child care to a developmentally disabled toddler, or an entire year of adult basic education instruction.

Contributions can be designated to specific charities or may go into a general pool. DeLooze says 91 percent of a designated contribution goes directly to the charity.

The more than 750 diverse charities throughout the state that are helped by MCC range from the YWCA, which provides emergency shelter, convalescent care, and transitional housing, to the Association for Retarded Citizens.

FOUNDERS WEEK 2005

GIFTS OF TIME
volunteers shaping the future

UNIVERSITY OF MARYLAND, BALTIMORE

Monday, October 17
Staff Luncheon
11:30 a.m. and 12:20 p.m.
Westminster Hall

Tuesday, October 18
Student Cookout
4:30-6 p.m.
Davidge Hall lawn

Wednesday, October 19
Faculty Research Lecture
4 p.m. • Davidge Hall
Reception follows

Thursday, October 20
Black-Tie Gala
6 p.m. • Hyatt Regency Baltimore

President's Message



David J. Ramsay

Welcome to the beginning of a new academic year at the University of Maryland, Baltimore. I am delighted to report that while we faced a variety of challenges, fiscal and otherwise, over the last several years, our faculty, staff, and students have continued our march toward excellence.

For the first time in history, it appears that our sponsored research attainment for Fiscal Year 2005 totaled more than \$410 million, a growth rate over our FY2004 total of an astonishing 21 percent. The University of Maryland, Baltimore, has become the institution to watch in the national rankings, with the medical school now ranked eighth by the American Association of Medical Colleges among publics in total research funding and the dental school ranked third in NIH funding. Nursing, pharmacy, and several clinical law programs continue to be ranked in the top 10 by *U.S. News & World Report*, with social work ranking in the top 20.

Philanthropic support also continues to grow. We exceeded our FY2005 target of \$52 million, well ahead of our FY2004 attainment. I am particularly pleased that included in this total is some \$8 million in new scholarship support. Given the cost of professional education and the fact that most of our current financial aid is in the form of loans, I am grateful to our many alumni and friends for investing in our outstanding students.

I am also delighted to report some significant improvements in our capital plant. Just a few weeks ago, the University System of Maryland Board of Regents approved our plan to build a new and much needed student center. An architectural team is being selected, design planning is underway, and we hope to break ground for a new student center no later than July 2006. This project has been a long time coming, and my thanks are due to University System of Maryland Chancellor William Kirwan, Vice Chancellor Joseph F. Vivona, and the many devoted students, faculty, and staff who have put in long hours to bring this project to fruition.

Our academic, research, and clinical building program is also well underway. Our new, \$140 million-plus state-of-the-art Dental School building is on schedule to open this spring, at long last Pharmacy Hall is back on the drawing board for a greatly needed expansion, we continue to renovate Howard Hall, and together with our partners, the University of Maryland Medical System and the medical school's faculty practice plans, we are actively engaged in planning a new ambulatory care facility.

The progress we are making at the UMB BioPark continues to be astonishing. What was barely an idea only a few short years ago is rapidly becoming reality. On Oct. 18, in the middle of Founders Week, not only will Gov. Ehrlich be on hand to help with the ribbon cutting to open our first research building and parking garage, but we also expect him to assist in the groundbreaking for our second research building. The first building is fully subscribed; the tenants are moving in even as I write this column. Congratulations to all who are bringing this project to fruition.

My best wishes to all members of our UMB community—new and returning—for a happy and productive 2005-2006.

David J. Ramsay, DM, DPhil
President

African-Americans From Medical School's Class of 1955 Honored

Doctors Were First Black Graduates; SNMA Scholarship Award Now Bears Their Names

MAYA E. MATHENY

More than 50 years ago, Donald Stewart says, his admission into the Dental School was thwarted, and he believed it was due to his skin color. Stewart contacted civil rights attorney Thurgood Marshall, who encouraged Stewart to pursue his interest in medicine instead and apply to the University's medical school.

"After what I thought was an inordinate wait, I received a letter of acceptance," Stewart says.

During a recent banquet held by the UMB chapter of the Student National Medical Association (SNMA), an organization which supports underrepresented minority medical students, Drs. Donald Stewart and Roderick Charles were honored as the first African-Americans to graduate from the School of Medicine. More than 200 alumni, faculty, students, and family members celebrated Stewart and Charles as pioneers from the School's class of 1955.

"Over the years, the University of Maryland was always among the leaders in the percentage of minority students who were being admitted, and it made me proud of my alma mater," Charles said at the banquet, held at the Wyndham Baltimore—Inner Harbor Hotel.

"I was exceptionally pleased coming here tonight and seeing so many members of the Student National Medical Association. Seeing these students here, I feel quite comfortable that the doors at the University of Maryland will remain open and that more and more doors will be opened because of the caliber and character of these students at my alma mater."

Today, about one in three students at UMB is a member of a racial minority. In fall 2004, 33 percent of people enrolled at the University were members of racial minorities, and 18 percent were African-American. Racial minorities made up 37 percent of the employee work force and 22 percent of the faculty.

The SNMA's Freshman Scholarship Award, given annually to an outstanding first-year medical student, was renamed this year as the Charles-Stewart Freshman Scholarship Award. Recipient Katina Moore, who was given the award at the banquet, said she was "very honored and grateful to be the first recipient of the Charles-Stewart Scholarship Award."

"I hope to continue [Charles' and Stewart's] legacy in the spirit of service as an SNMA member and as a dedicated physician," Moore said.

Although Charles, who retired from a career in psychiatry in 2001, and Stewart, who is currently an internist at Clinical Associates PA in Towson, were the first African-Americans admitted to the School of Medicine, they were not the first black students at UMB. In 1935, Donald Gaines Murray won a lawsuit argued by Marshall (it was the future Supreme Court justice's first major case) that gained Murray acceptance into the School of Law.

At the SNMA banquet, Esther McCready told the story of how Marshall and Murray together later won acceptance for her into the School of Nursing. McCready recalled her first day as a nursing student.



From left to right: Roderick Charles, Donald E. Wilson, and Donald Stewart.

"It was like walking into an iceberg on that day," she said. "When I walked into the class of about 60, nobody said a word. They all sat on one side and just stared at me."

"When we went into the dining room to eat, nobody sat with me. I sat alone. A nurse came up to me and said, 'If you don't pray to God, you won't get out of here, because no one here is for you.' And I turned to her and said, 'If God intends for me to get out of here, nobody here can stop me.'"

Reflecting on the progress at the University since that time, McCready said, "It's amazing when you look back and see what has happened through the years."

At the Dental School this summer, African-American alumni raised more than \$100,000 for a student conference room named after Wilhelma (Billie) Garner-Brown, MEd, executive assistant to the dean of the Dental School, who has played a key role in recruiting black students to the School.

"We had reluctance on the part of the University to admit us back in 1951," said Stewart, "but it's very interesting how we have come such a long way, from Esther McCready in 1950, to Roderick and I in 1951, to 1991, when Donald Wilson [an African-American] became the dean of the medical school."

Wilson, the first African-American to head a non-minority medical school in the United States, was at the SNMA banquet, along with David J. Ramsay, DM, DPhil, president of the University.

"Before you leave this room tonight, I want you to make your commitment to motivate other minority students, even from their earliest years, to ... achieve success," Wilson said. "Why? So that many more of us will have the opportunity like you have to be here. All of us who succeed have a duty to help others succeed as well."

"As our country grows more ethnically diverse, we will be poorly served if we do not develop a professional and scientific work force that reflects that diversity."

Maya E. Matheny is an MD/PhD student at the School of Medicine.

High School Students Hone Debate and Science Skills



Youths from the Baltimore-Washington area participated in this year's High School Biomedical Research Summer Program, an annual UMB program that includes laboratory and classroom work at the dental, pharmacy, medical, and nursing schools.

The students also conducted weekly bioethical debates on topics such as cloning, creationism versus evolution, the ethics of using animals for research, and the value of pain. Poster presentations and a talent show were held Aug. 11 at the Dental School.

Nation’s Largest Nursing Informatics Conference Held at UMB



From left to right: Gail Doerr, the School of Nursing’s director of programs and business development; Margaret McClure; and Mary Etta Mills.

ROSALIA SCALIA

The School of Nursing recently hosted the largest national conference ever held on nursing information technology. Breaking the Barriers of Healthcare Informatics: People, Process, & Technology, held July 20-23, drew more than 700 people from across the nation and about a dozen other countries.

Nurse-informaticians spoke about health information technology, and more than 30 organizations and corporations demonstrated the latest technology in the field, including bar-coding devices and wireless voice-activated communicators. The devices

are designed to demolish barriers to information sharing and improve decision making during critical times in a patient’s hospitalization.

“Other industries have embraced technology, but it hasn’t yet translated well into the health care arena,” says Mary Etta Mills, ScD, RN, FAAN, associate dean for academic affairs and the conference program chair. “What we are saying and have been saying for the past 15 years is that technology can help nurses, doctors, pharmacists, and other health care providers communicate better across the continuum, reducing the number of medical errors, misses, and near misses in which patients die because of human error.”

“Nurses are in a great place to be information managers because they are at the center of the information chain,” Mills added. “They talk to the doctors, the pharmacists, they talk to the patients, and to the patients’ families.”

The School of Nursing pioneered the “nurse informatics” specialty with a master’s degree program in 1989 and a doctorate program in 1991. More than 400 students have graduated, and they have been in high demand, obtaining jobs at hospitals, government agencies, and health care companies, with salaries ranging from \$80,000 to \$200,000.

Questions about controversial topics concerning confidentiality and privacy were raised during the conference, such as who owns patient information—the patients, the health care institutions, or health care providers.

The conference also included presentations about the impact of technology on patient safety, the use of clinical data, and technological support of evidence-based medical treatment. Sessions also focused on computerized medical order systems, new software, personal digital assistants (PDAs), and new technologies such as the “instant alert communicator,” which nurses wear around their necks to call other medical personnel during an emergency.

Increased use of nursing informatics, also known as health-IT, may be one solution to the ongoing shortage of health care providers such as nurses and pharmacists, said Margaret McClure, a professor at New York University who spoke during the conference’s opening session.

New Program Addresses Nurse Faculty Shortage

In 2003, nearly 2,000 qualified applicants were denied admission to associate degree and baccalaureate nursing programs in Maryland, due primarily to lack of faculty. To address this critical and growing health-care work force problem, the School of Nursing is partnering with Montgomery County’s Shady Grove Adventist Hospital (SGAH) in a new initiative, Teach for the Health of It. The program is funded by a grant from Maryland’s Department of Labor, Licensing, and Regulation.

Under the agreement between the School of Nursing and SGAH, the School uses specialists at the hospital who have master’s degrees as clinical faculty to teach traditional Bachelor of Science in Nursing (BSN) students attending the Universities at Shady Grove, where the School of Nursing offers a full BSN program. This agreement allows the School to admit an additional eight BSN students this fall. The School will pay SGAH for the use of these faculty members while they remain on the hospital’s payroll.

“There is no quick solution to the nursing faculty shortage,” says Kathryn Montgomery, PhD, RN, associate dean for organizational partnerships, outreach, and clinical enterprise at the School of Nursing. “However, it is our hope that this partnership will open doors to future collaborations in our quest to help address the critical nurse and nurse faculty shortages.”



Renee Mason

New Office Opens for International Students, Staff, Faculty

New on campus this year is the Office of International Services (OIS), which serves international students, staff, and faculty who are in the U.S. temporarily. The office provides information, helps with documentation, and offers other support services.

“We are excited that the University of Maryland community has recognized and fulfilled this need,” says Renee Mason, director of the office, which opened Aug. 1. “We are dedicated to servicing our international population.”

OIS services include advising non-immigrant internationals on government regulations and visa concerns; helping academic departments obtain visas for students, visiting scholars, and faculty members; providing information regarding employment regulations to supervisors, Human Resource Services, and Financial Services; and acting as a liaison with government agencies, sponsoring organizations, and embassies.

OIS is in the Office of the Registrar, at 111 S. Greene St., suite 103. The hours are 8 a.m.-4 p.m. Monday-Friday. More information is available by calling 6-7488 or by visiting www.umaryland.edu/ois.

UMB IN THE NEWS

In a recent commentary in *The (Baltimore) Sun*, **Mark Graber, JD, PhD**, a professor at the School of Law, analyzed the probability that *Roe v. Wade* will be overturned, and the impact that might have on the United States. “If you look at the debate now, it is the Democrats who are stuck with defending things like partial-birth abortion, which is a loser,” said Graber. “If *Roe v. Wade* is overruled, in a great many states it will be Republicans who are stuck in an extremist position.”

The School of Nursing Museum was profiled in the article “Nurses Featured in Living History Museum” in the July 8 education supplement in *The (Baltimore) Sun*. **Janet D. Allan, PhD, RN, CS, FAAN**, nursing school dean, and Gary Porto, the school’s director of development, were interviewed for the article.

It has been 15 years since passage of the Americans With Disabilities Act, and people with disabilities say the law has had a tremendous impact on their lives. However, much remains to be done, said **Andrew Levy, JD**, an adjunct professor at the School of Law, in a recent article in Baltimore’s *The Daily Record*. “I think all you have to do is walk down the street and see how many storefronts still have a single step in front of them that no one has bothered to ramp,” Levy said. “We’ve got a long way to go, particularly with respect to existing construction.”

The number of Lyme disease cases is increasing, and the size of the area affected by the disease is expanding, *The Washington Times* reported recently. **Robert Edelman, MD**, a professor at the School of Medicine, spoke to the newspaper about the disease. “It sets up what we call an autoimmune response in the body and triggers an inflammatory reaction,” he said.

Commenting on research showing that Nebivolol, a drug currently under Federal Drug Administration review, works better than other beta blockers to control high blood pressure in African-Americans, **Elijah Saunders, MD**, professor of medicine in the Division of Cardiology and Hypertension at the School of Medicine, was quoted in *The Atlanta Journal-Constitution* in July that “this particular beta blocker seems to work better in African-Americans than other beta blockers on the market.”

The Maryland Court of Appeals, the state’s highest court, recently ruled that current DNA science is so good that experts no longer need to testify about statistics proving that two samples can match. “The older rule that suggested that statistical information had to accompany any expert’s testimony clearly is a relic of a bygone era, and I think Judge [Irma] Raker, in a very scholarly and persuasive way, demonstrated that that kind of expert presentation is really no longer called for, given the advances in DNA technology,” said **Michael Greenberger, JD**, a professor at the School of Law, in an article in Baltimore’s *The Daily Record*.

LAURELS

DENTAL SCHOOL

Cyril Enwonwu, DDS, PhD, professor, was invited to speak at the Meeting on Oral Health in Ageing Societies: Integration of Oral Health and General Health, in Kobe, Japan. The June meeting was held under the auspices of the World Health Organization.

SCHOOL OF MEDICINE

Alessio Fasano, MD, professor, director of the Center for Celiac Research, and director of the Mucosal Biology Research Center, accepted an invitation from the U.S. National Institutes of Health (NIH) to serve as a member of its Gastrointestinal Cell and Molecular Biology Study Section, Center for Scientific Review, for a three-year term that began July 1.

Two School of Medicine researchers have received prestigious honors from the Mali government recognizing their work developing and distributing children's vaccines in the African country. **Myron Levine, MD, DTPH**, professor and director of the Center for Vaccine Development (CVD), was awarded the National Order of Mali, and **Karen Kotloff, MD**, professor and chief of the CVD's Community Studies Section, was given the National Order of Mali's Chevaliere rank, the award's second-highest honor.

Jay Magaziner, PhD, MSHyg, director of the Division of Gerontology, Department of Epidemiology, has been awarded a Method to Extend Research in Time (MERIT) award from the NIH's National Institute on Aging. The \$6.8 million award supports investigators whose research competence and productivity are deemed superior. Magaziner plans to further his research on hip fracture recovery, particularly among men.

SCHOOL OF NURSING

Louise Jenkins, PhD, RN, associate professor, and **Carol O'Neil, PhD, RN**, assistant professor, were appointed co-directors of the School of Nursing's Institute for Educators in Nursing and Health Professions. They had served as interim co-directors of the Institute since its inception in fall 2004.

Patricia Morton, PhD, RN, CRNP, FAAN, professor and assistant dean for master's studies, has been elected to a three-year term on the board of directors for the American Association of Critical Care Nurses (AACN). The world's largest specialty nursing organization, the AACN was established in 1969 to help educate nurses working in newly developed intensive care units.

For the second consecutive year, **Eun-Shim Nahm, PhD, MS, RN**, assistant professor, has been awarded the Claude D. Pepper Center Junior Faculty Award, which supports junior faculty scholars who are interested in research careers in gerontology and geriatric medicine. **Nahm and Barbara Covington, PhD, RN**, associate dean for information and learning technologies; **Barbara Resnick, PhD, RN, CRNP, FAAN**, associate professor; and **Jay Magaziner, PhD, MSHyg**, director of the Division of Gerontology, Department of Epidemiology, co-presented the poster "Usability of Theory-Based Hip Fracture Prevention Online Learning Modules" during the June 2005 Claude D. Pepper Older Americans Independence Center Symposium in Bethesda, Md.

Fatima Ramos-Marcuse, PhD, RN, ANPC, assistant professor; **Karan Kverno, PhD, RN**, assistant professor; and two undergraduate independent study research students presented the poster "Caring and Sharing: A Program for Pre-School Children and Their Parents" at the Your Practice Based on Evidence Conference, held at the School of Nursing.

Catherine Salam, CNM, MS, clinical instructor, was awarded the 2005 American College of Nurse-Midwives (ACNM) Foundation Excellence in Teaching Award by nurse-midwifery students during the ACNM annual meeting held in June in Washington. The award honors teachers who demonstrate excellence in teaching, and who exemplify and support the highest standards of midwifery practice.

Ann Marie Spellbring, PhD, RN, associate professor, and **Debra Spunt, MS, RN**, assistant professor and director of the clinical simulation labs, have been selected as

fellows in the American Academy of Nursing. They will be inducted this fall in Scottsdale, Ariz., during the academy's annual conference.

SCHOOL OF PHARMACY

Stuart Haines, PharmD, FCCP, FASHP, professor and vice chair for education, has been elected president of the American College of Clinical Pharmacy (ACCP) for the term beginning in October 2006. Currently a member of the ACCP Board of Regents, Haines will become president-elect this October. The ACCP's mission is to advance health and quality of life by helping pharmacists expand the frontiers of their practice and research.

Raymond Love, PharmD, BCPP, FASHP, professor, vice chair, and director of the Mental Health Program, wrote the article "Comparison of Clozapine Use in Maryland and in Victoria, Australia" in the March issue of *Psychiatric Services*, a journal of the American Psychiatric Association.

SCHOOL OF SOCIAL WORK

Diane DePanfilis, PhD, MSW, associate professor, associate dean for research, director of the Institute for Human Service Policy, and co-director of the Center for Families, participated in an invitational Surgeon General's Workshop—Making Prevention of Child Maltreatment a National Priority: Implementing Innovations of a Public Health Approach—at the U.S. National Institutes of Health earlier this year. National experts met at the workshop to review the best strategies for preventing child maltreatment. Also, **DePanfilis and Howard Dubowitz, MD, MS**, director of the Child Protection Team and Peds Child Protection at the School of Medicine, wrote "Family Connections: A Program for Preventing Child Neglect" in *Child Maltreatment*, a journal published by the American Professional Society on the Abuse of Children.

Pamela Love, MSW, a research administrator with the Family Welfare Research and Training Group, was the keynote speaker for the Class of 2005 Farewell Day at Western

High School in Baltimore on June 1. Her presentation was "Embracing Our Future With Strength, Dignity, and Unity."

OFFICE OF ACADEMIC AFFAIRS

The Geriatrics and Gerontology Education and Research Program (GGEAR) was presented the Program of the Year Award by the Maryland Gerontological Association at its annual conference in June. The award recognizes GGEAR's interdisciplinary educational programming on campus and throughout the state.

OFFICE OF EXTERNAL AFFAIRS

Maryland magazine won a 2005 Best in Maryland Award, in the magazine category. The Maryland chapter of the Public Relations Society of America sponsors the Best in Maryland Awards.

HEALTH SCIENCES AND HUMAN SERVICES LIBRARY (HS/HSL)

The HS/HSL is the regional medical library for the National Network of Libraries of Medicine, Southeastern/Atlantic Region. **Becky Hebert**, specific populations outreach coordinator for the organization, has been named a "mover and shaker" by the American Library Association. Herbert received the designation for her work exhibiting at health conferences and librarian meetings, and training minorities on accessing culturally relevant health information. **Janice Kelly**, executive director of the National Network of Libraries of Medicine, Southeastern/Atlantic Region, received the John M. Dennis Award from the Western Maryland Area Health Education Center on June 17. The award, named after a former UMB vice chancellor for health and academic affairs, recognizes contributions to off-campus professional education in Western Maryland.

M. J. Tooey, MLS, AHIP, HS/HSL executive director, began her term as the 2005-2006 president of the Medical Library Association (MLA) at its annual meeting in May. During her presidency, Tooey says, she will focus on the theme, "Transforming Ourselves, Our Profession, and Our Association." Founded in 1898, MLA is a nonprofit educational organization of more than 4,500 members in the health sciences information field.

Vascular and Inflammatory Diseases Center Opens at UMB BioPark

Continued from page 1

will also facilitate the translation of laboratory research into clinical applications for more effective patient care."

"We want to better understand the molecular biology of cells and cellular behavior, and integrate this understanding into better treatments for vascular and cardiac diseases," says the center's director, **Dudley Strickland, PhD**, professor of surgery and physiology at the School of Medicine. "The center will also serve as a resource for cutting-edge technologies in biomedical research, and provide outstanding research training and educational opportunities for our students and postdoctoral fellows."

The center's three associate directors, also from the School of Medicine, are **Toni Antalis, PhD**, professor of physiology and surgery; **David Scott, PhD**, professor of surgery, and microbiology and immunology; and **Bartley Griffith, MD**, professor and chief, Division of Cardiac Surgery.

Leading Japanese pharmaceutical company Shin Nippon Biomedical Laboratories (SNBL),

the largest tenant in the BioPark's \$36 million Building One, will open a 42,000-square-foot clinical pharmacology center on the top two floors in early November. SNBL will conduct phase I clinical trials—research that tests the safety of treatments.

Other commercial bioscience operations in Building One, which is at Baltimore Street and Fremont Avenue, will include Acceptys, a company that will move to the BioPark from Malvern, Pa. Acceptys and the School of Medicine's Department of Microbiology and Immunology will study the human immune response to illnesses such as pneumonia. The project, partly funded by a grant from the state's Maryland Industrial Partnerships program (MIPS), will foster basic research on development of human antibody-based therapies and vaccines for diseases for which there are currently few treatment options.

"This is a collaborative venture to develop a new generation of therapeutic

antibodies from the human immune system," says **Jan Cerny, MD, PhD**, chair of the Department of Microbiology and Immunology. "The antibodies developed could one day be administered to patients without any of the potential adverse side effects encountered upon administration of animal antibodies."

"Relationships like this go to the heart of the BioPark's presence on campus," says **Jim Hughes, MBA**, UMB's vice president of research and development. "The primary reason we're creating the BioPark is to encourage those types of collaborations."

UPM Pharmaceuticals, a Baltimore-based drug technology firm formed in 1997 by School of Pharmacy researchers, is among several other bioscience companies leasing space in Building One.

The Harbor Bank of Maryland, the first retail business to move into the BioPark, opened a branch in Building One in August.

"We are thrilled to have Harbor Bank of Maryland locate in the UMB BioPark,"

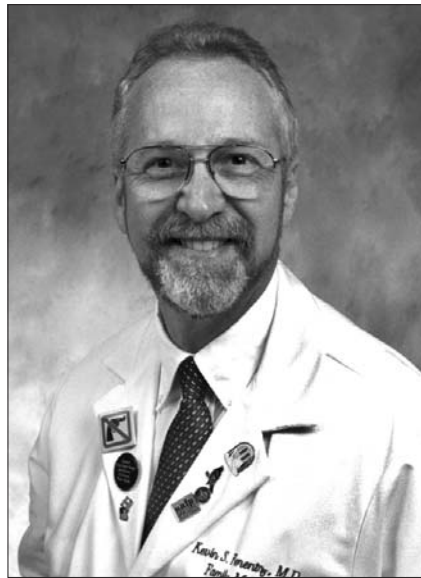
says University President **David J. Ramsay, DM, DPhil**. "Their full-service branch will anchor our first floor and provide needed banking and investment services to park tenants, campus employees and students, and neighbors in the Poppleton area."

"Harbor Bank is pleased to continue being a part of the city's redevelopment, and in an area that is bringing new industry to Baltimore—the UMB biotech park," says **Joseph Haskins Jr.**, president and chief executive officer of Harbor Bank.

A 24-hour UMB police substation has also opened at the BioPark, and a 638-space parking garage—the first of three garages planned—is expected to open next month.

A grand opening for Building One, and an announcement of the development of Building Two—which will be across Baltimore Street from Building One—are scheduled for Oct. 18, during Founders Week. Hughes says the BioPark's eight other buildings will be developed according to market demand over the next 10-15 years.

Ferentz Named to University Family Medicine Post



Kevin Ferentz

JOANN FAGAN

On July 1, Kevin Ferentz, MD, was named medical director for student and employee health at University Family Medicine Associates, a position he held from 1987 to 1993 before serving as residency director for the past 12 years. He replaces Richard Colgan, MD, who is now associate professor and director of undergraduate education. Ferentz, who joined the School of Medicine faculty in 1987, remains the residency director. He is also director of clinical operations. University Family Medicine is a School of Medicine faculty practice at Lombard and Paca streets. “It is very exciting to be responsible for the largest clinical practice on campus, and very challenging to deal with the many different populations that we serve,” says Ferentz.

Morgan Is New Pharmacy Student Affairs Associate Dean



Jill Morgan

JOANN FAGAN

Jill Morgan, PharmD, BCPS, was named associate dean for student affairs at the School of Pharmacy in June. Chair of the School’s Student Affairs Committee, Morgan is also chair of the Experiential Learning Committee. She will continue her scholarly work on medication safety and the care of pediatric patients with asthma and infectious disease. Morgan also has an ambulatory care service and an inpatient pediatrics practice at the University of Maryland Medical Center. “We are working on updating and revamping our academic advising process to cover more areas of the School of Pharmacy, which will help our students make better choices,” Morgan says. “Also, we plan to streamline our admissions process due to an increase of student applications.”

Martin to Coordinate Bicentennial 2007

JOANN FAGAN

The School of Medicine has hired Jo Martin to coordinate Bicentennial 2007, a year of academic, social, and community events to celebrate the founding of the state’s oldest and the nation’s fifth oldest medical school. As director of planning for the bicentennial, Martin is responsible for events for the year-long celebration, which will include a black-tie party at the Baltimore Convention Center during May commencement activities, and a series of health-related lectures at the Hippodrome Theatre. Martin has spent most of her public-affairs career in the areas of health care and higher education. She joined the University in 1997 as assistant vice president for communications, leaving four years later to start the consulting firm Jo Martin Inc. “This is an opportunity to both showcase and celebrate the School’s rich history,” says Martin, who is taking a hiatus from her consulting firm to work on the School of Medicine bicentennial. “The School of Medicine enjoys a high stature nationwide,” she says. “I want to make sure it’s as appreciated locally as it is nationally.” The University will also celebrate the bicentennial campus-wide.

Giving to UMB

A gift made in honor of a loved one, teacher, student, or colleague is a wonderful way to recognize a person’s life and accomplishments or to commemorate a special occasion, such as a birthday, graduation, or anniversary. For more information or to contribute to UMB online, visit www.giving.umaryland.edu.

Employee Recognition Programs

Nominations are being accepted for UMB Employee of the Month and Community Service awards. Recipients are recognized by David J. Ramsay, DM, DPhil, University president. Employees of the month receive \$200 and are eligible for the Employee of the Year Award.

Nominations can be submitted by employees, faculty, students, and University visitors. More information and nominations forms are available at www.hr.umaryland.edu/main/forms_word.htm, or by calling Jennifer Matthews at 6-7302.

School of Pharmacy Study Looks at Rapid Growth of Specialty Drugs

Commissioned by Blue Cross and Blue Shield Group, Study Examines Use, Expenditures

ROBYN LAMB

School of Pharmacy researchers have discovered that specialty pharmaceuticals, used to treat complex conditions ranging from cancer to infertility, are experiencing explosive growth, prompting insurers to question whether the new, more effective drugs should replace older, less expensive ones.

The study, published recently by the School’s Department of Pharmaceutical Health Services Research, was commissioned by the Blue Cross and Blue Shield Foundation on Health Care, a nonprofit health care research organization created by the Blue Cross and Blue Shield Association, a national organization of Blue Cross and Blue Shield health insurance plans. Looking at 10 Blue Cross and Blue Shield plans, which insure 17.8 million people, the study found that within the 20 specialty drug categories evaluated, there was a 20 percent increase in cost per patient during the two-year period of 2002-2003, and a 12.1 percent increase in use. The 20 categories represented 16 percent of what the insurers paid out for pharmaceuticals—a total of nearly \$20 billion.

“This study clearly shows the challenges Blue Cross and Blue Shield companies and other insurers face in making sure that patients receive the drugs they need while at the same time effectively managing the

escalating costs associated with specialty pharmaceuticals,” says Scott Serota, president and chief executive officer of the Blue Cross and Blue Shield Association.

Specialty pharmaceuticals are a unique group of drugs used to treat complex conditions such as multiple sclerosis, rheumatoid arthritis, hepatitis C, and hemophilia. The generally high-maintenance therapies are frequently injected or infused, and often require special handling such as refrigeration and overnight distribution. Clinical care may be required during their use due to the high incidence of side effects. These relatively new classes of drugs can cost tens of thousands of dollars per patient each year, according to the study.

“Specialty pharmaceuticals now represent a major driver of medical expenses,” says the study’s lead investigator, C. Daniel Mullins, PhD, chair of the Department of Pharmaceutical Health Services Research. “Since many of the drugs in development are specialty pharmaceuticals, the focus on the affordability of specialty pharmaceuticals is likely to increase over the next five years.”

The study shows the rapid growth of specialty drugs—more than 350 new specialty drugs are in development—and highlights the need for further study of how useful and cost-effective they are, says Mullins.

“Both private and public insurers should consider the impact of these products, especially as we near 2006 and the implementation of Medicare prescription drug coverage under Medicare Part D,” Mullins says.

School of Social Work, City Social Services Discuss Closer Ties

ROSALIA SCALIA

Faculty and administrators at the School of Social Work recently welcomed to campus Samuel Chambers Jr., director of the Baltimore City Department of Social Services (BCDSS), to explore ways for the School and the agency to augment existing relationships and develop new ones.

Chambers, who was appointed in November 2004 to head BCDSS, the largest of Baltimore’s 24 government agencies, said a deeper partnership with the School can help BCDSS find better ways to serve families in need.

“It helps to be close to an institution where the research emanates to be able to translate the latest research findings into good clinical use,” Chambers said.

“I am delighted that Mr. Chambers visited the School, heard about our academic programs, and discussed specific child welfare issues in which our faculty are engaged,” Jesse J. Harris, PhD, dean of the School of Social Work, later said. “Our faculty members are excited by his energy and leadership.”

Before coming to Baltimore, Chambers, who oversees approximately 2,400 social workers at BCDSS, spent much of his career in Detroit, where he was director of Michigan’s state social services department.

School of Social Work Continuing Professional Education Workshops

Sept. 22: "Promoting Excellence in Staff Performance," 8:30 a.m.-4:15 p.m.	for Vulnerable Populations," 8:30 a.m.-4:15 p.m.
Sept. 27: "Ethical Aspects of Transference and Countertransference in Psychotherapy," 8:30 a.m.-4:15 p.m.	Oct. 21: "Physical Intelligence: A New Dimension of Clinical Competence," 8:30 a.m.-4:15 p.m.
Oct. 6: "Clinical Supervision to Promote the Effective Use of Self," 8:30 a.m.-4:15 p.m.	Oct. 21: "Play Therapy for Children With Developmental Delays and Disabilities," 8:30 a.m.-4:15 p.m.
Oct. 7: "Group Work Practice With Adult Survivors of Childhood Trauma: A Mutual Aid Approach," 8:30 a.m.-4:15 p.m.	Oct. 25: "Leadership Styles and Management Techniques: Successful Supervision," 8:30 a.m.-4:15 p.m.
Oct. 11: "The Myers-Briggs Type Indicator®: A Key to Enhancing Organizational Effectiveness," 8:30 a.m.-4:15 p.m.	Oct. 27: "Working Effectively With People Affected by HIV/AIDS," 8:30 a.m.-4:15 p.m.
Oct. 12: "Ethical Decision Making For Social Work Practice: A Model," 8:30 a.m.-4:15 p.m.	Oct. 28: "Understanding and Treating Self-Injurious Behavior," 8:30 a.m.-4:15 p.m.
Oct. 14: "The Psychodynamic Treatment of Complex Eating Disorders: A Case Presentation," 8:30 a.m.-1 p.m.	The workshops, which are held at the School of Social Work, are open to students and staff of all professions. Preregistration and prepayment are required. For a brochure, which includes additional fall workshops, call the Office of Continuing Professional Education at 6-1839 or visit <i>www.ssw.umaryland.edu/cpe</i> . All workshops are approved for CEUs for social workers (Category I), psychologists, professional counselors, and therapists.
Oct. 18: "Targeting and Achieving Program Outcomes in Human Service Organizations," 8:30 a.m.-4:15 p.m.	
Oct. 18: "Ethical Issues in Working With Substance Abusers," 8:30 a.m.-4:15 p.m.	
Oct. 20: "Working With Survivors of Sexual Assault and Special Considerations	

CAMPUS BRIEFS

Free Shuttle-Bus Service Begins

Ride UMB, a new evening and nighttime shuttle-bus service, offers free transportation for students, faculty, and staff.

The service, which began in August, includes stops at University schools, the Health Sciences and Human Services Library, the Student Center at Pine Street, student parking garages and housing units, and off-campus residency complexes. There is also a stop in the Ridgely’s Delight neighborhood.

“As the campus community develops, this service will be an important asset,” says Robert Milner, MS, CAPP, director of parking operations at UMB.

Ride UMB operates from 7:30 p.m.-12:30 a.m. until Oct. 30; from 5 p.m.-12:30 a.m. Oct. 31-April 2; and from 7:30 p.m.-12:30 a.m. April 3-May 19. There is no service on Labor Day, Thanksgiving, Christmas, New Year’s Day, and Easter. For more information, call 6-6603 or visit *www.parking.umaryland.edu*.

Japanese Clinical Researchers Train at Center for Clinical Trials

Three senior Japanese clinical research coordinators participated in a two-week advanced research training program during the summer at the Center for Clinical Trials (CCT), a division of the School of Medicine.

The Japanese Society of Clinical Pharmacology and Therapeutics sponsored the custom-designed training program. This is the second year CCT has hosted training for clinical research coordinators from Japan.

Library Launches New Art Gallery Web Site

The Health Sciences and Human Services Library (HS/HSL) recently launched a Web site to promote its Weise Gallery to the public and prospective exhibitors. The Web site, *www.hshsl.umaryland.edu/gallery*, also honors photographer Frieda Weise, the former HS/HSL executive director for whom the gallery is named.

The Web site includes information about current, past, and future exhibits, instructions for artist exhibitors, and a 360-degree view of the current exhibit.

Cancer Center Opens Multidisciplinary Outpatient Center

The University of Maryland Marlene and Stewart Greenebaum Cancer Center has opened a comprehensive, multidisciplinary outpatient care center that brings together oncology services from several locations.

The Stoler Pavilion, a \$14 million, 25,000-square-foot center on the first floor of the University of Maryland Medical Center, opened during the summer. It is named after local car dealer Leonard Stoler and his wife Roslyn, who donated \$5 million toward its construction.

“It dramatically improves our outpatient facilities and increases access to our comprehensive, multidisciplinary care,” says Kevin Cullen, MD, professor of medicine at the School of Medicine and director of the Greenebaum Cancer Center. “It’s a big step forward for us. Our patients now have a ‘home base’ for all of their cancer care.”

Nursing School Offers New MS Degree

In response to industry demands for nurses who can manage clinical research studies in collaboration with principal investigators, the School of Nursing has established a new MS program in clinical research management.

The specialty addresses the need for nursing professionals to organize and manage clinical trials through application of expert knowledge in areas such as protocol interpretation, data monitoring, research ethics, and federal regulations.

“The size, scope, and complexity of clinical research studies requires leadership, coordination, and management by nursing leaders,” says Mary Etta Mills ScD, RN, FAAN, associate dean for academic affairs. “This new program will help prepare nursing professionals for this growing need.”

Students can complete the MS degree with 30 credits earned either part-time or in two semesters of full-time study. A post-master’s certificate can be obtained with 16 credits of coursework. For more information, call 6-0501 or visit *www.nursing.umaryland.edu*.

MHEC, Robert Wood Johnson Foundation Award Grants

The Maryland Higher Education Commission (MHEC) has awarded Henry C. Welcome Fellowship Grants of \$20,00 each to Patricia Turner, MD, assistant professor of surgery at the School of Medicine, and Adora Okogbule-Wonodi, MBBS, assistant professor of pediatrics at the School. The grants, to be used for the fellows’ research and educational expenses, are named in honor of Dr. Henry C. Welcome, a former member of MHEC (then called the State Board of Higher Education) who also served on the staff of several Baltimore hospitals.

MHEC has also awarded Vanessa Fahie, PhD, RN, assistant professor in the

School of Nursing and director of the School’s Alliance for Building Careers in Nursing, a grant of nearly \$75,000 to help high school students prepare for college. The grant is part of the commission’s College Preparation Intervention Program, which funds college partnership activities for the state’s Gaining Early Awareness and Readiness for Undergraduate Programs.

The Robert Wood Johnson Foundation’s Substance Abuse Policy Research Program has awarded a grant of nearly \$330,000 to support the School of Medicine’s assessment of the impact of substance abuse treatment centers on neighborhood crime. The grant will support the assessment over a two-year period.

Donna Shalala Addresses Osteoporosis Conference

Donna Shalala, former U.S. Department of Health and Human Services secretary and current president of the University of Miami, addressed a recent School of Medicine-sponsored conference at UMB about osteoporosis prevention.

Shalala said that 10 million Americans over age 50 have osteoporosis, a bone disease characterized by progressive loss of bone density and thinning of bone tissue, causing bones to break easily. To prevent the disease, Shalala said people should consume an adequate amount of calcium and vitamin D, stop smoking, and limit alcohol consumption.

eUMB “Power Users” to Aid Staff With Software

Users of the PeopleSoft software for the financials and grants portion of the

campus-wide eUMB project will be helped by Power Users—staff who are the first to learn in-depth about the new system.

The eUMB project is a multi-year undertaking to replace UMB’s core administrative applications for human resources, payroll, finance, procurement, and grants management with a Web-based, integrated software system. The system is designed to ease access to information and reduce disruptions in work time.

“Power Users will be the ‘go-to’ people in their departments to help other members of the departments effectively utilize the new system,” says John Geiman, MPA, assistant vice president for budget and finance.

The Center for Information Technology Services has expanded its Web site at *www.umaryland.edu/eumb/index.html* to provide information on the eUMB financials and grants project.

University of Maryland, Baltimore Campus Safety Phone Numbers

Emergency	711
Information and Escort	6-6882
Turn Around 24-Hour Hotline (sexual assault/domestic violence)	410-377-8111
Crime, Personal Safety (weekly crime statistics and tips) 6-COPS (2677)	

CALENDAR

Sept. 7-Oct. 5: School of Medicine Fifth Annual Mini-Med School, a free five-week course for the public on health issues. 6-8 p.m. Wednesdays, Medical School Teaching Facility Auditorium. For more information, visit www.medschool.umaryland.edu/minimed.

Sept. 9: UMB Fallfest 2005, fall student orientation festival including music, food, and giveaways. 11 a.m.-2 p.m., Student Center at Pine Street.

Sept. 16: Constitution Day Celebration, featuring William Reynolds II, JD, professor, School of Law. Noon-2 p.m., Davidge Hall. Information on national Constitution Day is available at www.constitutionday.com.

Sept. 16, 19, and 27: CPR renewal class. 8-10 a.m., GPA Clinic, first floor, Dental School. Call 6-3622 for a registration form and schedule (walk-ins are not accepted).

Sept. 23 and Oct. 28: Two-part conference on the Maryland Patients' Access to Quality Health Care Act, presented by the School of Law's Center for Dispute Resolution and the School's Law and Health Care Program. Speakers to include state legislators. Topics to include legislative history, tort reform, patient safety, and initiatives in other states. For more information or to register, visit www.cdrum.org, or contact Toby Treem at 6-6228 or cdrum@law.umaryland.edu.

Sept. 24: Back-to-School CommUNITYFEST 2005: Teaming up to Revitalize, Rebuild, and Restore Our Community, supported by the UMB chapter of the Student National Medical Association. Includes free health information and screenings, food, entertainment, and giveaways. 11 a.m.-3 p.m., Edmondson-Westside High School, 501 Athol Ave., free.

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The **VOICE** is delivered through campus mail and to drop boxes across campus. Call 410-706-7820 to request additional copies.

Vol. 26 Number 1

School supplies being collected at UMB in September will be donated. For more information, to donate school supplies, or to volunteer, contact Maya Matheny at mmath001@umaryland.edu or 410-727-5047.

Sept. 26-27: Third International Nanomedicine and Drug Delivery Symposium. The symposium will address development of small devices for targeted cancer therapies, localized drug delivery within the body, and improved cell material interactions, focusing on recent advances with an emphasis on the delivery of bioactive agents for therapeutic and diagnostic purposes. Westminster Hall. For more information, send an e-mail to nanomedicine@rx.maryland.edu or visit www.pharmacy.umaryland.edu/nanomedicine/conference.htm.

Sept. 29: Back-to-School Food and Music Fiesta-Extravaganza, for University of Maryland students. Free food from 140 vendors, free beer and wine, and live music. 7-9:30 p.m., Paca Street entrance, Lexington Market. RSVP by Sept. 23 to reply@lexingtonmarket.com.

Oct. 7: The Bare Bones: A Symposium on Bone Health and Osteoporosis, the 11th Annual Symposium on Women's Health Research, sponsored by the School of Medicine. Baltimore Marriott Inner Harbor at Camden Yards hotel. For more information and to register, visit www.medschool.umaryland.edu/womenshealth/wbgr/boneconference.html.

Oct. 8: Free continuing education seminar hosted by the School of Medicine Department of Physical Therapy & Rehabilitation Science, in conjunction with its 50th anniversary celebration. 9 a.m.-1 p.m., location and subject to be announced. For more information, contact Alyssa Menkes at 6-2299 or amenkes@som.umaryland.edu.

Oct. 13: School of Social Work admissions information seminar. 6 p.m. For more information, call 6-7922.

Oct. 17: Founders Week Staff Luncheon. 11:30 a.m. and 12:20 p.m., Westminster Hall, free but tickets are required. For more information, visit founders.umaryland.edu.

Oct. 18: Founders Week Student Cookout. 4:30-6 p.m., Davidge Hall lawn, free tickets are available after Sept. 19 from student affairs offices and the University bookstore. For more information, visit founders.umaryland.edu.

Oct. 19: Founders Week Faculty Research Lecture and Reception. "Quilting Needles, Lancaster Haystacks, and the Search for Genes for Common Diseases," delivered by UMB Researcher of the Year, Alan Shuldiner, MD, professor, School of Medicine Department of Medicine, and director, School of Medicine Program in Human Genetics. 4 p.m., Davidge Hall, free tickets are available from deans' offices after Sept. 19. For more information, visit founders.umaryland.edu.

Oct. 20: Founders Week Black-Tie Gala. 6 p.m., Hyatt Regency Baltimore, 300 Light St., \$85, tickets are available by contacting the Office of Special Events at 6-8035.

Nursing Students Train on New Device That Could Reduce Medical Errors



This new hand-held device for nurses could reduce medical errors.

ROSALIA SCALIA

The University of Maryland's School of Nursing is among the first in the nation teaching students how to use a new, cutting edge technology that could avert thousands of medical errors across the country.

The hand-held device, which looks similar to a personal digital assistant, uses barcode wireless technology to identify patients, verify orders, and print time-stamped labels for the patients' charts after delivery of care. The device, made by Care Fusion, can also issue allergy warnings, reminders of care, and safety alerts. It can also track the use of IVs, piggyback medications, and blood transfusions. Currently, the technology is used in about 25 hospitals, but Care Fusion officials say they expect more facilities to adopt it quickly.

Care Fusion estimates that the device could prevent about 500,000 medical errors and adverse drug reactions during the next 20 years, and that more than \$93 billion could be saved over the same period by shortening hospital stays and averting lawsuits. According to a three-minute video on the company's Web site—which was filmed at the School of Nursing's simulation labs—98,000 deaths from medical errors take place each year.

Debra Spunt, MS, director of the School's clinical simulation labs, says Care Fusion, the School of Nursing's new health care partner, made a gift of two hand-held devices and system software for training, worth \$20,000 total. Their use is the first official wireless technology application in the School of Nursing building.

Students use the device to scan both an ID barcode on the patient's wrist and a medical label barcode. This information is then compared to the ordered medication for that patient through a central server. The server database contains a preloaded, realistic dataset supporting the teaching scenarios, which were developed at the clinical simulation laboratories.

"Our student nurses are learning this cutting-edge technology so they will be prepared and maybe even ahead of the curve when they are in the field," says Spunt. She says the University's Information Technology Group worked on making the new technology operational.

Besides helping to create a safer environment for patients, the Care Fusion device reduces charting steps. "It offers an array of applications, and just about every procedure performed on a patient can be documented within the device," Spunt says. "Because they will know how to use this technology, our students will be able to be innovators on the job."

"The students, instructors, and school all benefit from having this technology available in the simulation labs," wrote Barry Lung, MSW, RN, BC, in a study of the simulation system activation. Lung is a master nursing student at the School who was on a 135-hour advanced health care informatics internship from Georgia College and State University.

"Students experience a variety of simulations in a controlled environment, learning how to avoid errors and respond to problems in a realistic but safe setting," Lung wrote.

CLASSIFIEDS

IMMEDIATE!

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